

# CN015 Series - Type 20

# Direct Mounting, SMT Fixing (with Ejector)

## Specifications

Insulation Resistance: 1,000MΩ min. at 500V DC  
 Withstanding Voltage: 500V AC rms for 1 minute  
 Contact Resistance: 40mΩ max. (initial resistance) excluding conductor resistance of terminal (25mΩ)  
 Voltage Rating: 250V AC  
 Current Rating: 0.5A  
 Operating Temp. Range: -20°C to +60°C

## Materials and Finish

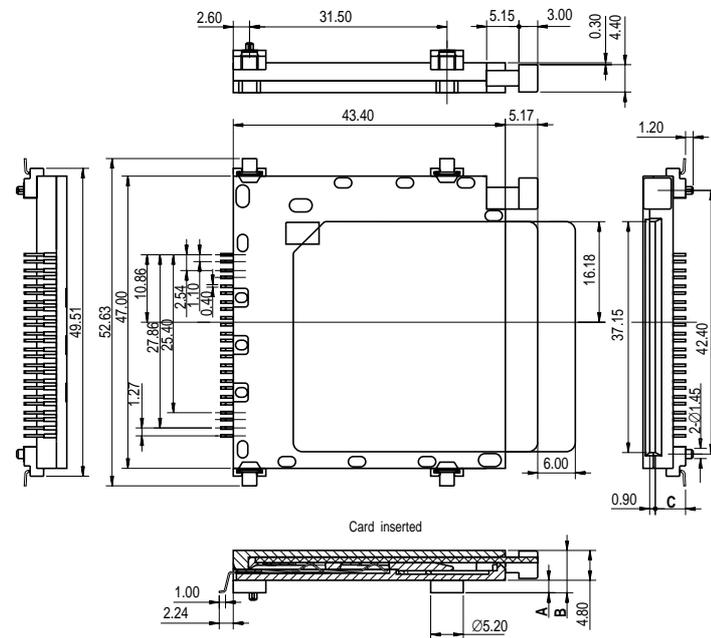
Contact: Copper Alloy (contact position Gold Plating)  
 Insulator Base: Synthetic Resin (black), UL94V-0  
 Write Protect Contact: Copper Alloy (contact position Gold Plating)  
 Eject Button: Synthetic Resin (black), UL94V-0  
 Metal Part of Eject: Copper Alloy with Nickel Plating  
 Ground Grip: Stainless Steel with Gold Plating  
 Slider and Cover: Synthetic Resin (black), UL94V-0

## Features

- Realizing smooth extraction of SmartMedia by ejection function
- Stand-off types are available to mount components under the body of CN015
- Adapting sequential method to secure data protection by contacting in the order of Ground-Power-Signal correctly

## Applicable Dimensions (Reference Only)

### Type 20 with SMT Metal Pads (3.3V and 3.3V/5V)



## Part Number (Details)

CN015 \* - 20 0 3 - \*

Series No.

Applications:

R = 3.3V for SmartMedia Card (3.3V)

P = 3.3V / 5V for SmartMedia Card (3.3V) and (5V)

Type 20

PCB Mounting: 3 = SMT Fixing Metal Pads

Height of Stand-off: \*\*\*

0 = A(0.00mm), B(4.80mm), C(2.80mm)

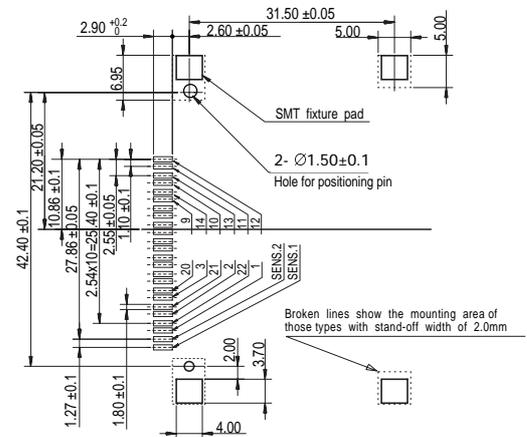
1 = A(2.00mm), B(6.80mm), C(4.80mm)

\*\*\*) Dimensions 'A', 'B' and 'C' are shown in drawings below.



## Recommended PCB Layout

Top View



### Special notice for operation:

Never soak and wash after soldering. There are cases where SmartMedia can not be smoothly inserted because of flux remaining inside of the connector, after washing. Wash only part of the connector terminal on PC board.

## Function Table

Part Number	Voltage of SmartMedia	Ejector	Mis-insertion Protection	Sequential Contact	Write Protection Switch	Pieces per Tray
CN015R-2003-0	3.3V	Yes	Yes	Yes	Yes	8 pcs.
CN015R-2003-1	3.3V	Yes	Yes	Yes	Yes	8 pcs.
CN015P-2003-0	3.3V / 5V	Yes	Yes	Yes	Yes	8 pcs.
CN015P-2003-1	3.3V / 5V	Yes	Yes	Yes	Yes	8 pcs.